ARGM-114US

Application No.: 10/538,182
Amendment Dated October 9, 2007
Reply to Office Action of July 12, 2007

Amendments to the Specification:

Please replace the paragraph, beginning at page 6, line 30, with the following rewritten paragraph:

The optical disc apparatus 100 further comprises a DRAM (dynamic random access memory) 111 for storing therein reproduction information and the like, a ROM (read only memory) 112 for storing therein a control program executable to control the whole operation of the optical disc apparatus 100, and a central processing unit, hereinlater simply referred to as "CPU" 113, for executing the control program stored in the ROM 112. Here, the DRAM 111 functions as parameter storage means according to the present invention, the ROM 112 and the CPU 113 collectively function as reproduction time computing means and optical disc reproduction means according to the present invention to compute a reproduction time based on parameters stored in the DRAM 111 and determine a reproduction start position based on the parameters stored in the DRAM 111 after the optical disc apparatus 100 is rebooted. The parameters stored in the DRAM 111 include, for example, but not limited to, information on address number, bit rate, monaural/stereo and the like. Here, it is assumed that the optical disc apparatus 100 is electrically connected with an automobile battery, a household power supply, an internal power supply such as, for example, an internal buttery battery, or the like to have power uninterruptedly supplied at, not less than, a minimum level to the DRAM 111, the ROM 112, the CPU 113, and the like, which constitute essential constituent elements to carry out a function of resuming reproduction, while the optical disc apparatus 100 assumes an operation stop state in which a main power supply to the optical disc apparatus 100 is turned off. While it has been described in the above that the parameter storage means is constituted by the DRAM 111 by way of example, it is needless to mention that the parameter storage means may be constituted by any other storage medium such as, for example, a SRAM (static random access memory), a flash memory, an FRAM (ferroelectric RAM), or the like. The flash memory may include an EEPROM (electrically erasable programmable ROM). It is preferable that the parameter storage means is constituted by a flash memory or an FRAM because of the fact that the parameter, the reproduction information, or the like remains undeleted from the parameter storage means regardless of whether or not the optical disc apparatus 100 assumes the operation stop state in which the main power supply to the optical disc apparatus 100 is turned off.